

PART I
GENERAL REQUIREMENTS FOR AUTHORIZATION UNDER THE NJPDES
DISCHARGE TO SURFACE WATER
GENERAL PERMIT FOR CONSTRUCTION DEWATERING DISCHARGES
(NJ 0134511)

A. PURPOSE AND SCOPE

The New Jersey Pollutant Discharge Elimination System (NJPDES) Discharge to Surface Water (DSW) General Permit for Construction Dewatering authorizes the discharge of groundwater for the purpose of lowering the groundwater table during construction dewatering containing de minimis amounts of pollutants as specified below, without the submittal of a NJPDES permit application and without an individual permit from the Department of Environmental Protection (Department), as of the effective date of this general permit. Authorization under this General Permit for Construction Dewatering Discharges shall require submittal of a Request for Authorization Certification. A de minimis discharge of pollutants for purposes of this general permit is defined as water, which complies with all of the conditions, specified in this permit. The entity responsible for the work, which results in a discharge authorized by this permit, is required to submit the above referenced certification that the proposed discharge(s) will comply with all of the conditions of this permit. The certifying entity besides submitting the original certification to the Department, must maintain a copy of this certification on-site and where it is impractical to maintain on-site, must provide a copy to the Clerk of the municipality where this discharge activity will occur or occurs. Conditions for discharges authorized by this general permit are further specified below. Questions or comments regarding this permit should be directed to Jim Grob of the Division of Water Quality at (609) 292-4860.

The New Jersey Water Pollution Control Act (N.J.S.A.58:10A-1 et seq.), requires that discharges of pollutants into waters of the state be in conformance with a valid NJPDES permit. This permit has been developed to authorize discharges of groundwater for the purpose of lowering the groundwater table during construction dewatering discharges to surface waters which are essentially clean yet may contain detectable levels of regulated pollutants. These discharges are not directly associated with industrial processes, site remediation activities or sanitary sewerage systems, and are of a temporary, short-term, non-continuous nature, yet require certain regulation by the Federal and State statutes and regulations, in accordance with the New Jersey Water Pollution Control Act (N.J.S.A.58:10A-1 et seq.), and the Federal Clean Water Act (33 U.S.C. 1251 et seq.). The Department has determined that these types of discharges are appropriately controlled under a general permit, and is issuing this general permit in accordance with 40 CFR 122.28 and 123.25 and N.J.A.C. 7:14A-6.13. These types of discharges involve similar activities and are also similar because of their low probability of containing pollutants (other than the pollutants specified below), the relatively infrequent nature of the discharge, and the relatively low concentration of pollutants present in the discharges. Typical pollutants that may be present in these discharges are specified below and include

filterable or dissolved solids and/or suspended solids. This General Permit requires that these discharges be subject to Best Management Practices (BMPs) and/or temporary treatment units as well as sampling to minimize if not eliminate any environmental impact that may otherwise result from the discharge. This permit operates under the premise that if appropriate BMPs and/or temporary treatment units are implemented prior to the discharge, no negative or negligible environmental impact should result from the discharge. If appropriate BMPs and/or temporary treatment units are not employed and the discharge exceeds the Appendix A criteria, the discharge would be considered not eligible under this general permit and the person, company or other entity authorizing and responsible for the discharge (“Discharger”) would be discharging without a current and valid NJPDES permit. The Discharger would be subject to enforcement action deemed appropriate by the Department. If it is suspected at any time during or directly after a discharge event that a discharge is not being conducted or was not conducted in accordance with all applicable requirements of this permit, the local health officer or a regional representative from the DEP’s Bureau of Water Compliance and Enforcement may be contacted to investigate the situation.

The Discharger conducting the activity which will result in a surface water discharge to be authorized by this permit must submit a Request for Authorization Certification to the Department. (Specific information regarding the required Request for Authorization Certification and the additional information required to be submitted with the certification are found in Section C of this permit. Certification forms are available from the Division of Water Quality). Fourteen (14) days after the Department is in receipt of the **Request for Authorization Certification**, the Discharger becomes authorized to discharge under this general permit, unless the Department notifies the discharger that they are not eligible under this general permit. The Discharger must maintain a copy of the certification for a period of five years. A copy of this certification must also be maintained on site during the discharge event. Where it is not practical to keep a copy on site, a copy must be maintained in the business office of the Discharger and provided to the clerk in the municipality where the discharge activity is occurring.

The discharges below may be eligible for authorization by this permit:

- Construction dewatering for the purpose of lowering the groundwater
(Such as a pipeline construction, underground storage tank installation)

Discharges eligible for authorization under this permit may be discharged to all surface waters of the State of New Jersey (State), directly and via storm sewers, except for waters categorized as FW1 and Pinelands waters defined in N.J.A.C. 7:9B-1.4 and Shellfish waters in accordance with the requirements of N.J.A.C. 7:12. FW1 waters means those fresh waters, as designated in N.J.A.C 7:9B-1.15(h) Table 6 that are to be maintained in their natural state of quality (set aside for posterity) and not subjected to any man-made wastewater discharges or increases in runoff from anthropogenic activities. These waters

are set aside for posterity because of clarity, color, scenic setting, and other characteristics of aesthetic value, unique ecological significance, exceptional recreational significance, exceptional water supply significance, or exceptional fisheries resource(s). Pinelands waters means all waters within the boundaries of the Pinelands Area, except those waters designated as FW1 in N.J.A.C. 7:9B-1.15 (h) Table 6, as established in the Pinelands Protection Act (N.J.S.A. seq.) and shown on Plate 1 of the Comprehensive Management Plan adopted by the New Jersey Pinelands Commission in November 1980. Shellfish waters means waters classified as Approved, Seasonally Approved, Special Restricted, Seasonally Special Restricted or Condemned that support or possess the potential to support shellfish which are within the Coastal Area Facility Review Act (C.A.F.R.A.) zone as delineated in 1973 and specified in N.J.A.C. 7:12. Shellfish waters exclusion locations shall be consistent with N.J.A.C. 7:12. For other information pertaining to FW1 waters, Pinelands waters or Shellfish waters, the permittee should contact the Department.

Scheduled multiple discharges occurring over a period of time are eligible for authorization under this permit. In these instances the Department requires the Request for Authorization Certification to include a schedule of occurrence of all of the discharges. If a discharge cited above exceeds a duration cited in the Request for Authorization Certification due to unforeseen circumstances and it becomes necessary to extend the duration of the discharge, the Discharger may submit a written request to the Department for a determination of eligibility to be authorized by or to continue to be authorized by this permit.

For other groundwater discharge scenarios not already described in this general permit, a Discharger may submit a written request to the Department requesting authorization under this permit and include a description of the discharge and an estimated discharge schedule. The Department will determine if the discharge qualifies for coverage under this permit on a case-by-case basis. Individual written approval by the Department is required in these circumstances.

Questions regarding discharges, which are similar to the discharges, listed above but which are not specified, or questions regarding the eligibility of any discharge by this general permit, should be directed to the Division of Water Quality at (609) 292-4860 so that a permit determination can be made.

Incidental discharges to ground waters of the State which may result from a discharge authorized by this permit, such as from overland flow on the way to the storm sewer or surface water conveyance, are also authorized under this general permit.

B. REGULATORY REQUIREMENTS INCORPORATED BY REFERENCE

The Discharger shall comply with all conditions set forth in this permit and with all the applicable requirements incorporated into this permit by reference. The Discharger is required to comply with the regulations, which are in effect as of the effective date of the final permit.

a. Penalties for Violations	N.J.A.C. 7:14-8.1 <u>et seq.</u>
b. Incorporation by Reference	N.J.A.C. 7:14A-2.3
c. Toxic Pollutants	N.J.A.C. 7:14A-6.2(a)4i
d. Duty to Comply	N.J.A.C. 7:14A-6.2(a)1 & (a)4
e. Duty to Mitigate	N.J.A.C. 7:14A-6.2(a)5 & 11
f. Inspection and Entry	N.J.A.C. 7:14A-2.11(e)
g. Enforcement Action	N.J.A.C. 7:14A-2.9
h. Effect of Permit/Other Laws	N.J.A.C. 7:14A-6.2(a)6 & 7 & 2.9(c)
i. Standard Reopener Clause	N.J.A.C. 7:14A-6.2(a)10
j. Proper Operation and Maintenance	N.J.A.C. 7:14A-6.12
k. Duty to Provide Information	N.J.A.C. 7:14A-2.11, 6.2(a)14 & 18.1
l. Schedules of Compliance	N.J.A.C. 7:14A-6.4
m. Transfer	N.J.A.C. 7:14A-6.2(a)8 & 16.2

C. EXCLUSIONS

Discharges **specifically excluded** from authorization under this permit include:

- Sediment laden waters controlled under the Standards for Soil Erosion and Sediment Control in New Jersey and the Soil Erosion and Sediment Control Act (N.J.S.A. 4-24-39 et seq)
- Site Remediation Cleanup Activities
- Petroleum Products Cleanup Activities
- Discharges from Mining Operations
- All stormwater discharges
- All discharges of industrial process wastewater including contact and non-contact cooling water,
- Sanitary sewer flushing,
- Discharges from domestic, publicly or privately owned treatment works
- Combined sewer overflow,
- Sanitary sewer overflow,
- Contaminated water from monitoring well construction and development **or capping,**

- Discharges from water and wastewater treatment system bench scale and pilot testing,
- Discharges resulting from filter backwash operations
- Draining of and filter backwash from municipal, commercial, or other non-residential swimming pools,
- Water used to clean and rinse storage tanks, natural gas pipelines, or other vessels,
- Discharges resulting from water main breaks and water distribution system infrastructure failures,
- Emergency discharges of polluted waters,
- Hydrostatic tank testing discharges,
- Tank and vessel bottom water, and
- Discharges from the disinfection of newly constructed or repaired potable water mains, and fire hydrant flushing
- Discharges that exceed the criteria attached as Appendix A in the Request for Authorization Certification

PART II
DISCHARGE CONDITIONS UNDER THE NJPDES
DISCHARGE TO SURFACE WATER
GENERAL PERMIT FOR CONSTRUCTION DEWATERING DISCHARGES
(NJ 0134511)

A. GENERAL REQUIREMENTS

1. This permit is revocable, or subject to modification or change at any time, pursuant to the applicable regulations, when in the judgment of the New Jersey Department of Environmental Protection such revocation, modification or change is deemed necessary.
2. The issuance of this permit shall not be deemed to affect or restrict in any way action by the Department of Environmental Protection of the State of New Jersey on any future application.
3. This permit does not waive the requirement to obtain other Federal, State or local government consent or approvals when necessary. No work shall be undertaken until such time as all other required approvals and permits have been obtained.
4. This permit does not grant permission to use publicly or privately owned storm sewers or conveyances.
5. The Department reserves the right to require the Discharger to apply for an individual or other general NJPDES permit if deemed appropriate, or the Discharger

may request exclusion from coverage under this general permit by applying for an individual or other general NJPDES permit.

6. Representatives of the Department shall have the right to enter and inspect any area associated with a discharge authorized under this permit.
7. A permittee having existing individual NJPDES permits with construction dewatering requirements may request the Department to modify or revoke their existing permit to qualify the construction dewatering discharges under this general permit or wait until the renewal of their NJPDES permit.
8. Construction dewatering projects that exceed a 0.1MGD discharge of groundwater for a period of 30 days or more, may require a temporary dewatering permit from the Department's Bureau of Water Allocation. The Discharger shall contact the Bureau of Water Allocation if the construction dewatering project is expected to exceed a 0.1MGD discharge of groundwater for a period of 30 days or more.
9. Construction dewatering projects authorized under this general permit that are expected to discharge for a period of 30 days or more and also utilize a temporary treatment unit, shall contact the Northern or Southern Bureau of Engineering and Construction Permitting, to determine whether a Treatment Works Approval must be obtained.
10. For a discharge authorized by this permit, the permittee is exempt from N.J.A.C. 7:14A-6.2(a)2, which declares that the discharge of any pollutant not specifically regulated in the NJPDES permit or listed or quantified in the NJPDES application or a Request for Authorization Certification shall constitute a violation of the permit.

B. BEST MANAGEMENT PRACTICES/TEMPORARY TREATMENT UNITS REQUIREMENTS

1. BMPs and/or temporary treatment units shall be used when appropriate to ensure that the discharge does not violate any Surface Water Quality Criteria and to control other potential deleterious effects the discharge may render on the receiving water body or its environs.
2. If the potential exists for the discharge to contain suspended, floating or settleable solids, or another known contaminant, the authorizing entity must take all appropriate measures to control them from the discharge in order to retain eligibility.
3. The Discharger that creates the discharge has the responsibility to evaluate whether or which BMPs and/or temporary treatment units are necessary and to ensure that

all BMPs and/or temporary treatment units appropriate to the discharge are employed, as necessary.

4. If the discharge contains suspended solids, BMPs and/or temporary treatment units shall be utilized to reduce or eliminate the levels prior to discharge to receiving waters. These BMPs and/or temporary treatment units can include everything from increased retention time (holding tanks) up to and including filtration devices.
5. The Discharger shall use appropriate BMPs and/or temporary treatment units to eliminate floating debris, floatable or settleable solids, including construction or maintenance-related dirt, rust, or scale present in the waters prior to discharge.

C. DISCHARGE REQUIREMENTS

1. The discharge shall not cause or result in erosion to the area of the discharge or the surrounding stream banks.
2. Adequate dewatering structures and velocity dissipation devices should be used when necessary to prevent and minimize erosion, stream scouring, and increases in turbidity or any other potential damage to the receiving waters and its environs. Dischargers may refer to "Standards for Soil Erosion and Sediment Control in New Jersey", as promulgated by the State Soil Conservation Committee and N.J.A.C. 2:90-1.3 et. seq. In addition, the Natural Resource Conservation Service (organized by county) may be contacted for guidance on soil erosion control.
3. The Discharger shall take into account the conveyance capacity of the discharge outlet structure and/or conveyance structure prior to discharge and shall manage or control the flow of the discharge accordingly.
4. The discharge shall not cause or create downstream flooding conditions.
5. During the course of the construction dewatering activities for this project, if it is determined that a particular discharge may exceed one or more of the Appendix A criteria, attached to the Request for Authorization Certification, the Discharger shall cease the discharge to surface waters immediately, until compliance with the conditions of this permit can be demonstrated

D. WATER QUALITY REQUIREMENTS

1. Discharges that comply with the criteria attached as Appendix A in the Request for Authorization Certification are considered eligible to discharge under this general permit, provided all other conditions of the permit are satisfied.
2. The discharge shall not contain any scum, foam or other debris.

3. The Discharger shall minimize the amount of suspended solids or turbidity in the discharge so as to not cause exceedances of the Appendix A criteria of this permit.
4. There shall be no discharge of floating solids in other than trace amounts.

E. SELF MONITORING REQUIREMENTS

1. The Discharger may establish a benchmark for turbidity as a way of assuring ongoing compliance with the Appendix A criteria attached in the Request for Authorization Certification. This turbidity benchmark shall ensure that the solids and particulate removal in the discharge equates to the toxic pollutant removal below the Appendix A criteria.
2. Should the Discharger elect to establish turbidity as a methodology to ensure compliance with Appendix A criteria, the Discharger shall sample for turbidity daily and record each result from each dewatering location.
3. Should the Discharger elect to establish turbidity as a methodology to ensure compliance with the Appendix A criteria, the Discharger shall maintain a monthly log of the turbidity sample results on-site for all construction dewatering activities.
4. Should the Discharger elect to establish turbidity as a methodology to ensure compliance with Appendix A criteria, the turbidity benchmark shall ensure that the solids and particulate removal in the discharge equates to the toxic pollutant removal below the Appendix A criteria.

F. REQUEST FOR AUTHORIZATION CERTIFICATION REQUIREMENTS

1. **The Request for Authorization Certification shall contain all of the following information (printed or typed):**
 - a) Name of entity authorizing the work (company, public agency or municipality) resulting in the discharge to surface water including parent company name, taxpayer id# or SS# .
 - b) Name and title of a principal officer in the company or of a specified official in the town or municipality other than the designated agent
 - c) The legal address and telephone number of entity authorizing the work;
 - d) The scheduled date(s) of the discharge event(s);
 - e) Project description (e.g., facility name, type of construction)

- f) approximate quantity or flow rate, as appropriate, of the discharge;
 - g) number of well points;
 - h) approximate duration of the discharge;
 - i) location(s) (street name(s) or street address (as appropriate), municipality, and county) of the discharge;
 - j) the receiving waters to which the discharge is directed, including the method of transport (i.e., via storm sewer, ditch, tributary, etc.); and
 - k) Best Management Practices to be used;
 - l) Temporary Treatment Units where appropriate;
 - m) Describe the designated discharge point;
 - n) Describe turbidity benchmark establishment if appropriate
2. **The Request for Authorization Certification shall state specifically:** “I, the undersigned, certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for purposely, knowingly, recklessly, or negligently submitting false information”.
3. **Certify in writing:** The company or other entity authorizing the activity which will result in the discharge to be authorized by this permit, must ensure that the discharge complies with all applicable requirements of this permit and must certify this compliance in writing.

G. SUBMITTALS AND RECORDKEEPING REQUIREMENTS

1. An original Request for Authorization Certification legally executed by the company or entity authorizing the activity shall be submitted to the Department’s Division of Water Quality, Point Source Permitting, P.O. Box 029, Trenton, NJ 08625, 14 days prior to discharging.

2. A copy of the Request for Authorization Certification shall be maintained for a period of five (5) years by the entity authorizing the work.
3. A copy of the Request for Authorization Certification shall be submitted to the corresponding NJDEP Regional Water Compliance and Enforcement Office, 14 days prior to discharging.
4. A copy of the Request for Authorization Certification shall also be maintained on the site of the discharge location. Where this is impractical, a copy shall be kept at the business office of the Discharger.
5. A copy of the Request for Authorization Certification should be sent to the clerk in the municipality in which the discharge will occur.
6. A copy of the Request for Authorization Certification shall be available so that it may be provided to a Department representative, or other person or persons, upon request.
7. All sample results prior to the initiation of the construction dewatering shall be attached to the Request for Authorization Certification submitted to the Department.
8. If this certification is not submitted as specified above, or cannot be produced upon request of a Department or other government or jurisdictional representative, the discharger shall be subject to enforcement actions. In addition, a copy of the certification shall be maintained by the Permittee for a period of five (5) years following the last discharge event authorized by this certification pursuant to this general permit.
9. The Department reserves the right to require the discharger to cease discharging and obtain an individual or other general NJPDES permit or to utilize other alternate disposal methods consistent with N.J.A.C. 7:14A-6.13(f). The Department reserves the right to enforce all applicable NJPDES regulations should there be a suspected or confirmed violation of the conditions of the General Permit for Construction Dewatering Discharges or of the Federal or New Jersey Water Pollution Control Act. Discharges which are not conducted in accordance with all applicable conditions of this permit and which therefore may result in adverse environmental impacts, including, but not limited to, a fish kill, may subject the authorizing entity to enforcement actions.

H. WHO MUST SIGN THE REQUEST FOR AUTHORIZATION CERTIFICATION

1. **For a corporation a responsible corporate officer : A responsible corporate officer is;**

- a) A president, secretary, treasurer, or vice president of the corporation in charge of a principal business function or any other person who performs similar policy or decision making functions for the corporation; or
- b) A manager of one or more manufacturing, production or operating facilities employing more than 250 persons or having a gross annual sales or expenditures
- c) exceeding \$25 million (in the second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

2. For a corporation a duly authorized representative: A duly authorized representative is;

- a) A named person or generic position having overall responsibility for facility operation or the permittee's environmental matters, by a responsible corporate officer, general partner, proprietor, principal executive officer of a public agency or ranking elected official who assigns his or her signatory authority by submitting a letter to the Department stating said authority and naming the person or position.

3. For a partnership or sole proprietorship: either a ;

- a) A duly authorized representative; or
- b) A general partner or sole proprietor

4. For a municipality, state, federal or other public agency, either a;

- a) A principal executive officer or ranking elected official or
- b) duly authorized representative.

APPENDIX A

	FW-2 Waters (1)			SC, SE Waters (1)	
Parameter	Monthly Average	Daily Maximum		Monthly Average	Daily Maximum
<u>Volatile Compounds</u>					
Acrolein	NL	100		NL	100
Acrylonitrile	NL	50		NL	50
Benzene	NL	7		37	136
Bromoform	NL	8.6		29	58
Carbon Tetrachloride	NL	6		8.8	NL
Chlorobenzene	15	28		15	28
Chlorodibromomethane	NL	8.2		NL	14
Chlorethane	104	268		104	268
Chloroform	NL	11.4		21	46
Dichlorobromomethane	NL	5		NL	12
1,1-Dichloroethane	22	59		22	59
1,2-Dichloroethane	NL	3		68	211
1,1-Dichloroethylene	NL	6		16	25
1,2-Dichloropropylene	153	230		153	230
1,3-Dichloropropane	10	20		29	44
Ethylbenzene	32	108		32	108
Methyl Bromide	20	40		20	40
Methyl Chloride	86	190		86	190
Methylene Chloride	NL	9.4		40	89
1,1,2,2-Tetrachloroethane	NL	10		NL	10
Tetrachloroethylene	NL	16		22	56
Toluene	26	80		26	80
1,2-Trans-Dichloroethylene	21	54		21	54
1,1,1-Trichloroethane	21	54		21	54
1,1,2-Trichloroethane	NL	12		21	54
Trichloroethylene	NL	5.4		21	54
Methyl tertiary butyl ether (MTBE)	NL	70		NL	70
Vinyl Chloride		10		104	268
<u>Acid Compounds</u>					
2-Chlorophenol	31	98		31	98
2,4-Dichlorophenol	39	112		39	112
2,4-Dimethylphenol	18	36		18	36
4,6-Dinitro-O-Cresol	NL	60		78	277
2,4 Dinitrophenol	71	123		71	123
2-Nitrophenol	41	69		41	69
4-Nitrophenol	72	124		72	124
Pentachlorophenol	NL	30		NL	30
Phenol	15	26		15	26
2,4,6-Trichlorophenol	NL	20		NL	20
<u>Base Neutral Compounds</u>	FW-2 Waters (1) Monthly Average Daily Maximum			SC, SE Waters (1) Monthly Average Daily Maximum	

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Anthracene	22	59	22	59
Benzidine	NL	50	NL	50
Benzo (a) Anthracene	NL	10	NL	10
Benzo (a) Pyrene	NL	20	NL	20
Benzo (b) fluoranthene	NL	10	NL	10
Benzo (k) Flouranthene	NL	20	NL	20
Bis (2-Chloroethyl) Ether	NL	10	NL	10
Bis (2-Chloroisopropyl) Ether	301	757	301	757
Bis (2-Ethylhexyl) Phthalate	NL	36	59	118
Butyl Benzyl Phthalate	NL	24	NL	24
Chrysene	NL	20	NL	20
Dibenzo (a,h) Anthracene	NL	20	NL	20
1,2-Dichlorobenzene	77	163	77	163
1,3-Dichlorobenzene	31	44	31	44
1,4-Dichlorobenzene	NL	28	NL	28
3,3'-Dichlorobenzidine	NL	60	NL	60
Diethyl Phthalate	81	203	81	203
Dimethyl Phthalate	19	47	19	47
Di-N-Butyl Phthalate	27	57	27	57
2,4 Dinitrotoluene	NL	10	NL	18.2
2,6-Dinitrotoluene	255	641	255	641
Fluoranthene	25	68	25	68
Fluorene	22	59	22	59
Hexachlorobenzene	NL	10	NL	10
Hexachlorobutadiene	NL	10	20	49
Hexachlorocyclopentadiene	240	480	NL	1800
Hexachloroethane	19	38	21	54
Ideno (1,2,3-cd) Pyrene	NL	20	NL	20
Isophorone	NL	20	NL	20
Naphthalene	22	59	22	59
Nitrobenzene	17	34	27	68
N-Nitrosodimethylamine	NL	20	NL	20
N-Nitrosodiphenylamine	NL	20	NL	20
Phenanthrene	22	59	22	59
Pyrene	25	67	25	67
1,2,4-Trichlorobenzene	68	140	68	140
	FW-2 Waters (1)		SC, SE Waters (1)	
Pesticides	Monthly Average	Daily Maximum	Monthly Average	Daily Maximum
Aldrin	NL	0.04	NL	0.04
Alpha-BHC	NL	0.02	NL	0.02
Beta-BHC	0.137	0.274	0.46	0.92
Gamma-BHC (Lindane)	NL	0.08	NL	0.03
Chlordane	NL	0.2	NL	0.2
4,4'-DDT2	NL	0.06	NL	0.06
4,4'-DDE2	NL	0.04	NL	0.04

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4,4'-DDD2	NL	0.04		NL	1.04
Dieldrin2	NL	0.03		NL	0.03
Alpha-Endosulfan	NL	0.02		NL	0.02
Beta-Endosulfan	NL	0.04		NL	0.04
Endosulfan Sulfate	0.93	1.86		2	4
Endrin3	NL	0.04		NL	0.04
Endrin Aldehyde	0.76	1.52		0.81	1.62
Heptachlor	NL	0.02		NL	0.02
Heptachlor Epoxide	NL	0.4		NL	0.04
Toxaphene3	NL	1		NL	1
	FW-2 Waters (1)			SC, SE Waters (1)	
<i>Metals and Cyanide</i>	Monthly Average	Daily Maximum		Monthly Average	Daily Maximum
Arsenic	50	100		50	100
Cadmium	50	100		50	100
Chromium	50	100		50	100
Copper	50	100		50	100
Iron	1000	2000		1000	2000
Lead	50	100		50	100
Mercury	NL	1		NL	1
Nickel	72	144		50	100
Selenium	50	100		50	100
Silver	25	50		25	50
Zinc	100	200		100	200
Cyanide	100	200		100	200
Dioxin 2,3,7,8-Tetrachlorodibenzo-p-Dioxin	NL	0.01		NL	0.01
PCBs2					
PCBs-1242, 1254, 1221, 1232, 1260, 1016	NL	0.5		NL	0.5
all units in ug/L					
(1) Construction Dewatering Discharges to the Delaware River shall comply with DRBC Water Quality Regulations as well as the requirements in this table. Zone waters that are freshwater shall also meet the FW-2 requirements and Zone waters that are brackish shall also meet the SC,SE requirements					